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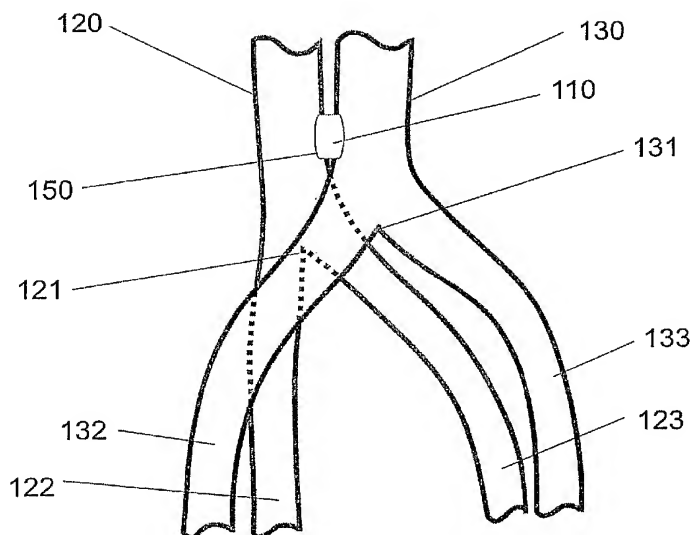
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(54) Title: DEVICES, SYSTEMS, AND METHODS FOR ARTERIO-VEINUS FISTULA CREATION



(57) Abstract: Devices, systems and methods are disclosed for the formation of arterio-venous fistula creation. Embodiments include a femoral access approach to the creation of an Aorta-caval fistula at the bifurcation of the Aorta and the Inferior Vena Cava; an apparatus for the creation, modification and maintenance of a fistula; and a method of supplying oxygenated blood to the venous circulation of a patient. The devices, systems and methods can be used to treat patients with one or more numerous ailments including chronic obstructive pulmonary disease, congestive heart failure, hypertension, hypotension, respiratory failure, pulmonary arterial hypertension, lung fibrosis and adult respiratory distress syndrome.



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/20360

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61M 31/00( 2006.01)

USPC: 604/500

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 604/500

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5682906 (Serman et al.) 4 November 1997 Note: Please review the entire patent.	1-178
A	US 5718725 (Sternman, et al.) 17 February 1998 Note: Please review the entire patent.	1-178

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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